

# Interstitial Monitoring for Double Walled Pipes

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**INTERSTITIAL MONITORING for PIPES** must be conducted and recorded at least once a month.

Use this page for liquid probes/sensors AND manual methods (sticking or visual).

(NOTE: Federal standards requiring an ALLD (mechanical or electronic) for catastrophic leak detection may be implemented at a later date.)

Facility Name		Facility ID#																	
Make of monitor (required):		Model of monitor (required):																	
UST Information: If a question does not apply, leave it blank.		MT TANK #			MT TANK #			MT TANK #			MT TANK #			MT TANK #					
1	Is ISM used as the primary method of leak detection for the <u>double-walled</u> product pipe?	YES NO			YES NO			YES NO			YES NO			YES NO					
2	Is the product pipe's interstitial space monitored on a continuous basis?	YES NO			YES NO			YES NO			YES NO			YES NO					
3	Are console operational checks documented for the past twelve months?	YES NO			YES NO			YES NO			YES NO			YES NO					
4	<b>If question 3 is marked "NO", circle the months in which operational checks are NOT documented?</b>  <b>1 = January</b>	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
4		5	6	4	5	6	4	5	6	4	5	6	4	5	6				
7		8	9	7	8	9	7	8	9	7	8	9	7	8	9				
10		11	12	10	11	12	10	11	12	10	11	12	10	11	12				
5	Will the leak detection system shut off the flow of fuel in the event of a release?	YES NO			YES NO			YES NO			YES NO			YES NO					
6	Will the leak detection system trigger a continuous alarm in the event of a release?	YES NO			YES NO			YES NO			YES NO			YES NO					
6a	Are records available showing each sensor has been tested annually for operability?	YES NO			YES NO			YES NO			YES NO			YES NO					
7	Is the product pipe's interstitial space monitored manually on a monthly basis?	YES NO			YES NO			YES NO			YES NO			YES NO					
8	Do any of the monitor results indicate liquid in the interstice? If yes, please identify the month(s) and tank.	YES NO			YES NO			YES NO			YES NO			YES NO					
9	Are product pipe leak detection records available for the past twelve months?	YES NO			YES NO			YES NO			YES NO			YES NO					
10	<b>If question # 9 is marked "NO", circle the months in which leak detection test records are NOT available?</b>  <b>1 = January</b>	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
4		5	6	4	5	6	4	5	6	4	5	6	4	5	6				
7		8	9	7	8	9	7	8	9	7	8	9	7	8	9				
10		11	12	10	11	12	10	11	12	10	11	12	10	11	12				
11	Is the product pipe trench lined with an approved impervious artificial membrane to achieve secondary containment?	YES NO			YES NO			YES NO			YES NO			YES NO					
12	If monitoring the product pipe trench, are the wells clearly marked and secured?	YES NO			YES NO			YES NO			YES NO			YES NO					
13	Are product pipeline leak detection records available for the past 12 months?	YES NO			YES NO			YES NO			YES NO			YES NO					
14	<b>If question # 13 is marked "NO", circle the months in which leak detection records are NOT available.</b>  <b>1 = January</b>	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
4		5	6	4	5	6	4	5	6	4	5	6	4	5	6				
7		8	9	7	8	9	7	8	9	7	8	9	7	8	9				
10		11	12	10	11	12	10	11	12	10	11	12	10	11	12				
15	Is product pipe leak detection equipment accessible and functional?	YES NO			YES NO			YES NO			YES NO			YES NO					
16	Do any containment sumps have product in them?	YES NO			YES NO			YES NO			YES NO			YES NO					
17	Do any containment sumps have water in them such that leak detection is impacted?	YES NO			YES NO			YES NO			YES NO			YES NO					
Comments:																			
(Inspector Initial)					(Date)					(Owner/Operator Initial)					(Date)				